

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(10/723723).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/18 12:56
L2	1	10/723723	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/06/18 12:56
L3	6738629	(secure\$4 or protect\$3 or defend\$3 or safe\$3 or unharm\$4 or shield\$4 or guard\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/06/18 12:56
L4	2917107	(electronic or electronically or internet or e-commerce)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/06/18 12:56
L5	4674540	(record or receipt or archive or documentation or legend or transcript or certificate or voucher or slip or letter or document)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/06/18 12:56
L6	22021	L3 L4 L5	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/18 12:56
L7	64810	(encrypt or encryption)	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/18 12:56
L8	4958	L6 same (third-party or other or client or customer or (third adj party))	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/18 12:56
L9	2896	L8 L7	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L10	307336	(authenticate or authentication or authenticator or validat\$4 or verify or verifier or certify or certifier or certification)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L11	2710	L9 and L10	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56

## EAST Search History

L12	2023	L11 and (identifier or (random adj number))	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L13	1011	L12 and (digital adj signature)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L14	949	L13 and (first and second)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L15	49000	"705".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L16	321	L14 L15	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L17	451	L14 and (hidden or hide)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L18	162	L17 L15	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L19	1	("5231666").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 12:56
L20	1	("5915022").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 12:56
L21	1	("5367573").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 12:56
L22	639560	request	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/06/18 12:56
L23	6738629	(secure\$4 or protect\$3 or defend\$3 or safe\$3 or unarm\$4 or shield\$4 or guard\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/06/18 12:56
L24	2917107	(electronic or electronically or internet or e-commerce)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/06/18 12:56

## EAST Search History

L25	4674540	(record or receipt or archive or documentation or legend or transcript or certificate or voucher or slip or letter or document)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/06/18 12:56
L26	22021	L23 L24 L25	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/18 12:56
L27	64810	(encrypt or encryption)	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/18 12:56
L28	4958	L26 same (third-party or other or client or customer or (third adj party))	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/18 12:56
L29	2896	L28 L27	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L30	307336	(authenticate or authentication or authenticator or validate\$4 or verify or verifier or certify or certifier or certification)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L31	2710	L29 and L30	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L32	2023	L31 and (identifier or (random adj number))	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L33	1011	L32 and (digital adj signature)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L34	949	L33 and (first and second)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L35	451	L34 and (hidden or hide)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L36	49000	"705".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L37	1	("5739512").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/18 12:56
L38	152	L35 L36 L22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/18 12:56

## EAST Search History

L39	54	L25 adj5 (third-party or (third adj party)) adj4 transaction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/18 12:56
L40	406	L25 adj5 (third-party or (third adj party) or server) adj4 transaction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/18 12:56
L41	6738629	(secure\$4 or protect\$3 or defend\$3 or safe\$3 or unharm\$4 or shield\$4 or guard\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/06/18 12:56
L42	2917107	(electronic or electronically or internet or e-commerce)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/06/18 12:56
L43	4674540	(record or receipt or archive or documentation or legend or transcript or certificate or voucher or slip or letter or document)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/06/18 12:56
L44	22021	L41 L42 L43	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/18 12:56
L45	64810	(encrypt or encryption)	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/18 12:56
L46	4958	L44 same (third-party or other or client or customer or (third adj party))	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/18 12:56
L47	2896	L46 L45	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L48	307336	(authenticate or authentication or authenticator or validat\$4 or verify or verifier or certify or certifier or certification)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L49	2710	L47 and L48	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56

## EAST Search History

L50	2023	L49 and (identifier or (random adj number))	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L51	1011	L50 and (digital adj signature)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L52	949	L51 and (first and second)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L53	451	L52 and (hidden or hide)	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L54	406	L43 adj5 (third-party or (third adj party) or server) adj4 transaction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/06/18 12:56
L55	11	L53 and L54	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/18 12:56
L56	2	"20020073043"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/06/18 12:56
S2	0	(10/723723).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/01/17 09:13
S3	1	10/723723	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/06/13 17:36
S5	6577053	(secure\$4 or protect\$3 or defend\$3 or safe\$3 or unharm\$4 or shield\$4 or guard\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/01/17 16:11
S6	2771492	(electronic or electronically or internet or e-commerce)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/01/17 16:12

## EAST Search History

S7	4583268	(record or receipt or archive or documentation or legend or transcript or certificate or voucher or slip or letter or document)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/01/17 16:18
S9	20780	S5 S6 S7	US-PGPUB; USPAT; USOCR	SAME	ON	2007/01/17 16:19
S10	58961	(encrypt or encryption)	US-PGPUB; USPAT; USOCR	SAME	ON	2007/01/17 16:34
S11	4577	S9 same (third-party or other or client or customer or (third adj party))	US-PGPUB; USPAT; USOCR	SAME	ON	2007/01/17 16:38
S12	2653	S11 S10	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/17 16:39
S13	285952	(authenticate or authentication or authenticator or validat\$4 or verify or verifier or certify or certifier or certification)	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/17 16:42
S14	2486	S12 and S13	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/17 16:42
S15	1854	S14 and (identifier or (random adj number))	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/17 16:43
S16	920	S15 and (digital adj signature)	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/17 16:53
S17	864	S16 and (first and second)	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/17 16:53
S18	415	S17 and (hidden or hide)	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/17 16:55
S19	45380	"705".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/17 16:55
S20	300	S17 S19	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/17 16:55
S21	151	S18 S19	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/18 09:11

## EAST Search History

S22	1	("5231666").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/18 09:13
S23	1	("5915022").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/18 09:25
S24	1	("5367573").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/18 09:27
S25	599978	request	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/01/18 11:27
S26	6579927	(secure\$4 or protect\$3 or defend\$3 or safe\$3 or unharm\$4 or shield\$4 or guard\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/01/18 09:27
S27	2773604	(electronic or electronically or internet or e-commerce)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/01/18 09:27
S28	4585191	(record or receipt or archive or documentation or legend or transcript or certificate or voucher or slip or letter or document)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/01/18 09:27
S29	20808	S26 S27 S28	US-PGPUB; USPAT; USOCR	SAME	ON	2007/01/18 09:27
S30	59114	(encrypt or encryption)	US-PGPUB; USPAT; USOCR	SAME	ON	2007/01/18 09:27
S31	4584	S29 same (third-party or other or client or customer or (third adj party))	US-PGPUB; USPAT; USOCR	SAME	ON	2007/01/18 09:27
S32	2658	S31 S30	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/18 09:27
S33	286584	(authenticate or authentication or authenticator or validat\$4 or verify or verifier or certify or certifier or certification)	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/18 09:27

## EAST Search History

S34	2491	S32 and S33	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/18 09:27
S35	1857	S34 and (identifier or (random adj number))	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/18 09:27
S36	923	S35 and (digital adj signature)	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/19 09:25
S37	866	S36 and (first and second)	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/18 09:27
S38	417	S37 and (hidden or hide)	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/18 09:27
S39	45498	"705".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/18 09:27
S42	1	("5739512").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/18 11:15
S43	141	S38 S39 S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/18 11:32
S44	51	S28 adj5 (third-party or (third adj party)) adj4 transaction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/18 11:56
S45	381	S28 adj5 (third-party or (third adj party) or server) adj4 transaction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/18 11:56
S46	6579927	(secure\$4 or protect\$3 or defend\$3 or safe\$3 or unharm\$4 or shield\$4 or guard\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/01/19 09:25



## EAST Search History

S47	2773604	(electronic or electronically or internet or e-commerce)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/01/19 09:25
S48	4585191	(record or receipt or archive or documentation or legend or transcript or certificate or voucher or slip or letter or document)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/01/19 09:25
S49	20808	S46 S47 S48	US-PGPUB; USPAT; USOCR	SAME	ON	2007/01/19 09:25
S50	59114	(encrypt or encryption)	US-PGPUB; USPAT; USOCR	SAME	ON	2007/01/19 09:25
S51	4584	S49 same (third-party or other or client or customer or (third adj party))	US-PGPUB; USPAT; USOCR	SAME	ON	2007/01/19 09:25
S52	2658	S51 S50	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/19 09:25
S53	286584	(authenticate or authentication or authenticator or validate\$4 or verify or verifier or certify or certifier or certification)	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/19 09:25
S54	2491	S52 and S53	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/19 09:25
S55	1857	S54 and (identifier or (random adj number))	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/19 09:25
S56	923	S55 and (digital adj signature)	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/19 09:25
S57	866	S56 and (first and second)	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/19 09:25
S58	417	S57 and (hidden or hide)	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/19 09:25

## EAST Search History

S59	381	S48 adj5 (third-party or (third adj party) or server) adj4 transaction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/19 09:25
S60	10	S58 and S59	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/19 09:33
S61	2	"20020073043"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/06/13 17:37